

## Die Hard Car Battery Charger Manual

---



**File Name:** Die Hard Car Battery Charger Manual.pdf

**Size:** 3617 KB

**Type:** PDF, ePub, eBook

**Category:** Book

**Uploaded:** 18 May 2019, 22:28 PM

**Rating:** 4.6/5 from 678 votes.

**Status:** AVAILABLE

Last checked: 13 Minutes ago!

**In order to read or download Die Hard Car Battery Charger Manual ebook, you need to create a FREE account.**

[\*\*Download Now!\*\*](#)

eBook includes PDF, ePub and Kindle version

[Register a free 1 month Trial Account.](#)

[Download as many books as you like \(Personal use\)](#)

[Cancel the membership at any time if not satisfied.](#)

[Join Over 80000 Happy Readers](#)

### Book Descriptions:

We have made it easy for you to find a PDF Ebooks without any digging. And by having access to our ebooks online or by storing it on your computer, you have convenient answers with Die Hard Car Battery Charger Manual . To get started finding Die Hard Car Battery Charger Manual , you are right to find our website which has a comprehensive collection of manuals listed.

Our library is the biggest of these that have literally hundreds of thousands of different products represented.



## Book Descriptions:

# Die Hard Car Battery Charger Manual

It takes longer, but is simple and requires only an AC outlet. Always make sure that the charger is designed to work with your battery's voltage. Most cars use a 12-volt battery. Step 1 Set the battery charger to the correct voltage, usually 12 volts for a car. Step 2 Switch the output selector to the desired number of amps. The lower the number of amps, the longer it takes to charge. Step 3 Attach the positive battery charger clamp to the positive post first for batteries that are negative-grounded, as most car batteries are. Attach the negative battery charger clamp to the negative post. Plug the battery charger into a grounded outlet. Charge the battery until the ammeter needle indicates that the battery is charged. Unplug the charger when the ammeter indicates a full charge. Remove the clamps, negative first. Most car batteries take between two and three hours to charge at 10 amps. Warnings Do not allow the battery to overcharge. If you need to use an extension cord, use only a heavy-duty three-pronged type. Turn your head when connecting and disconnecting clamps, in case of a spark. About the Author This article was written by the It Still Works team, copy edited and fact checked through a multipoint auditing system, in efforts to ensure our readers only receive the best information. To submit your questions or ideas, or to simply learn more about It Still Works, contact us. More Articles Schumacher SE1052 User Instructions How to Set a Clock on an Oldsmobile. How to Enter a BMW Radio Code How to Reset the Maintenance Light on a. How to Reset the Radio After a Battery. How to Calculate Rotational Torque How to Reset the Oil Change Light in a. What Is the Average Gas Mileage for a. Page Count 15 Fully Automatic GFCI Outlets. Model No. Instructions, Sears, Roebuck Estates, Warranty. Please read this Manual before using your Battery Charger This manual Please read and follow these instructions and For information about troubleshooting. Time Monday through Friday. <http://blueparadise.pl/userfiles/brother-p-touch-home-hobby-user-manual.xml>

- **diehard car battery charger manual, diehard car battery charger instructions, 1.0, diehard car battery charger manual, diehard car battery charger instructions.**

Warranty Sears, Roebuck and Co. Hoffman Estates, IL 60179 Safety instructions This charger is not intended to supply power to a Help us help Remember If battery fluid These batteries may burst and cause personal Take it to a Personal. Safety. Precautions. For your own personal safety, please follow the A battery can Batteries generate explosive gases. This section shows an illustration of your battery charger. Use it to become familiar with where all the parts are Replacement Parts List DieHard 71234 Rocker Switch SPST Circuit Breaker Assembly It is important to prepare your charger for use. This section will tell you how to assemble the charger, ground Assembling It is important to fully assemble your charger before use. Follow these instructions for easy assembly. Two wheels. Hammer. One axle. Phillips screwdriver. Two axle caps. Two axle brackets. One handle. One handle grip. One mounting foot. Attach Foot. Remove charger from packing materials and place Axle Assembly. Hold axle upright on floor or work surface. Then, using Be sure to tap the hub on Place the charger on its side. Place one end of each Turn the charger right side up onto its foot and wheels. Remove the two top screws from each side of the Plugging Electrical. Shock Hazard. Be sure that power cord fits properly into outlet. If not, have a qualified technician install a proper Your charger should be grounded Your charger is equipped with an electrical cord that A 3-Prong Grounded Wall Outlet. Proper grounding is required for correct GFCI operation. Circuit Interrupter outlets located on its back. The Ground fault circuit interrupters GFCI can help The GFCI must be tested before each use. To test The nightlight or other Using an extension. The light or other Call Customer. Service at 1800 SEARS 64 1800 732 7764. <http://chinahoists.com/upload/1598795487.xml>

The power cord must be plugged into a 3-prong Ground fault circuit interrupter. If you are charging a battery, the GFCI outlet should not be used while using both GFCI outlets at the same time. The use of an extension cord is not recommended. Make sure the pins on the plug of the extension cord use only 3-conductor grounded extension cord. Check that the extension cord is properly wired and wire gauge to be sure that wire size is large enough. Length of Cord, in Feet. It is important that you read and follow these guidelines while you are preparing to charge your battery. Make sure that you have a 12 volt or 6 volt lead-acid battery. Be careful to keep it away from children and pets. If you have a battery with removable cell caps, remove them before charging. Continue to the next step listed below. Take time to read all battery manufacturers' specific instructions. Be sure that the area around the battery is well-ventilated. If it is necessary to remove the battery from the boat, a spark may be generated. NOTE: A marine battery installed in a boat must be removed from the boat to charge it. For best results from your battery charger, learn to use it properly. This section tells how to set the controls. All the controls for your charger are located on the MANUAL charge and the rate at which you want to charge. AUTO pad and either the 2, 20, or 60 AMP Charge Rate Selector pad. Charging will start after a short delay. While charging, the METER will show battery voltage. To see how much time it will take to charge, touch the TIME pad. The METER will show the time and, after you have selected a charge rate. Touch the TIME pad until the desired time shows on the METER. Then proceed as if you've just turned on the METER. The METER will display battery voltage. Touch the TESTER pad. The METER will show the voltage of the battery. ENGINE START in that order.

Wait. The ENGINE START. Crank the engine for no more than 5 seconds, if it cranks. CAUTION DO NOT try to crank an engine. You may damage the engine. DieHard Timer mode. Too high a charging rate; lower rate. Charging. Your Battery. NOTE: A marine boat battery must be removed from the boat to charge it. To charge it on board requires a 3-prong grounded extension cord and charging leads. Keep hands, hair, clothing and jewelry clear of the battery posts. Check the polarity of the battery posts using the. Identify which battery post is grounded or connected to the chassis. Connect the red POSITIVE charger clamp to the positive grounded post system. Connect the black NEGATIVE charger clamp to the negative post. IMPORTANT: Wear safety glasses and face away from the battery. Twist or rock clamps back and forth to make a good connection. Make sure the POWER switch is set to the OFF position. At the 2 Amp charging rate, the METER will show a charge rate of 2.0. For manual charging, touch a charge rate pad then touch the TIME pad. In the MANUAL mode at the 60 Amp charging rate, the METER will show a charge rate of 60.0. TO AVOID OVERCHARGING in the Manual Mode, monitor the METER frequently. When the battery is fully charged, turn the POWER switch to the OFF position and unplug the charger. Stand away from battery and remove the charger. Clean and store the battery charger in a dry place. NOTE: A marine boat battery must be removed from the boat to charge it. Check the polarity of the battery posts as indicated. Connect the red POSITIVE charger clamp to the POSITIVE post of the battery. Be sure to rock the clamp to make a good connection. Attach at least a 6-gauge AWG insulated battery cable to the POSITIVE post. This cable will provide a good connection. Stand as far away from the battery as possible. Rock the clamp to the Negative. Positive. The Chart Method. Reserve Capacity RC. Use the following table to more accurately determine the Reserve Capacity of your battery. First, identify where your battery fits into the chart. NR means that the charger setting is NOT RECOMMENDED.

<http://superbia.lgbt/flotaganis/1652911116>

Find your battery's rating on the chart below and note it. Batteries in cars and smaller trucks are usually rated in AH. Motorcycle, garden tractor, etc. Method. To find the time needed to fully charge your battery, multiply the result by 1.25 and you'll have the time. Add one additional hour for a deep cycle battery. Charger Setting. When you know the percent of charge and the Amp. Hour AH rating of your battery, you can calculate the Reserve Capacity by 2, and add 16. You would need to charge your 100 Ampere Hour. Battery for a little more than 3 hours at the 20 Amp. Your battery charger can be

used to jumpstart your Follow these instructions when METER display will show MAN manual mode.RDY. The charger is now ready to have the engine Maintenance After the engine starts, unplug the charger power Then move the POWER Important. Do not try to start the engine without a battery in it. You could cause damage to the electrical system. If the engine does turn over, but never starts up, there STOP cranking the engine until the other problem has NOTE The GFCI outlet should not be used while the. Charger is in the Engine Start Mode. A minimal amount of care can keep your battery This will help prevent Please read through this table for a Display. Clamps are not making a Check for poor connections at battery and frame. Make No reading on Check power cord and extension cord for loose fitting No power at receptacle. Check for open fuse or circuit breaker supplying AC outlet. In MANUAL Mode, Shorted battery clamps. Shorted battery. Circuit breaker cycles when current draw is too high. Check for shorted cables and replace if needed. Have a Sears Service Center test the battery. Charger leads reversed. Correct connections. Charger set at the START Correct touchpad settings. Drawing more than 275 Crank time varies with the amount of current drawn. If Failure to wait for 3 Wait until the METER displays RDY. Extension cord too long. Use shorter or heavier gauge extension cord.

<https://kunstkasteel.com/images/Del-Air-Cool-2665-Manual.pdf>

Weak cell or sulfated Sulfated battery will eventually take a normal charge if Battery is only partially Continue to charge battery. Charger makes a loud Transformer laminations Continue charging. Buzz is not abnormal. METER reading stays Battery severely Continue charging battery for two more hours. If Wrong battery voltage Make sure BATTERY Voltage Select switch is in proper The chargers AC power Make sure the chargers power cord or extension cord is Devices exceed 15 amps Check for open blown fuse or circuit breaker supplying. AC wall outlet. Short start cycle when Meter reads less A 120V device plugged U.S.A. 7 am to 430 pm Central Time Monday through Friday. File Type Extension pdf. PDF Version 1.2. Linearized No. Page Count 15. Page Layout SinglePage. Page Mode UseNone. Producer Goby Monitor Application version 4, 0, 0, 13. Create Date Fri Aug 24 042008 2012. Author. Title. Subject. Learn more about these updates in our blog. Keep your batteries fully charged and ready to go when you need them most. This charger includes 50 amp battery clamps which help you maintain batteries of cars, RVs, boats, motorcycles, lawn tractors, ATVs, snowmobiles or antique and classic cars. Bring home this battery charger and start up all your winter equipments with ease. Rules and Operating Instructions. Before Every Use of this Product. Sears. Roebuck Estates, Warranty. Parts. Calculating charge time. Plugging it in. Using an extension cord. Preparing your battery to be charged. 4. Troubleshooting This manual will show you how to use your Please read and follow these instructions and precautions carefully. Warranty This warranty gives you specific legal rights, and you may also have other rights which vary from state to Seam, Roebuck and Co., Dept 817WA. Hoffman Estates, IL 60179 Safety. Instructions This charger is not intended to supply power to Incorrect assembly may result in fire or electrical Help Remember If battery fluid electrolyte becomes frozen, bring battery into a warm area Personal.

<http://gulzarihacegandergisi.com/images/Del-Sol-Spa-Manual.pdf>

Safety Take it to a Pulling on the cord may cause Precautions. For your own personal safety, please follow the following precautions If this happens, wash immediately with soap and A battery can Batteries generate explosive Parts. This section shows an illustration of your battery charger. Use it to become familiar with where all the parts are Item Case Cover. Part Number Case Bottom. AC Unecord Cordset. Black. Output. Cord Red Breaker Meter Swtich Center Faceplate. Hand Je Owners. Maneal It is important to understand your chargers requirements. This section will tell you about your chargers electrical Plugging Your charger requires a 120V receptacle installed Using The use of an extension cord is not recommended. If Length of Cord, in Feet It is important that you read and follow these guidelines Make sure that you have a 12 volt or 6 volt leadacid Clean the battery

terminals. Be careful to keep If you have a battery with removable cell caps, if you have Wire Gauge. Take time to read all battery manufacturers specific Be sure that the area around the battery is well If ventilation is If it is necessary to remove the battery from the A spark may be NOTE A marine battery installed in a boat must be Using. Your Battery. Charger. For best results from your battery charger, learn to use it properly. This section will tell you how to set the controls, how to charge a battery in or out of a vehicle, and how to use the ENGINE START features. Setting All controls are located on the front of the charger. Follow these instructions to obtain the correct charge MANUAL, AUTOMATIC DEEP CYCLE or AUTOMATIC REGULAR. START feature. Battery Voltage. Select the voltage of your battery. The most common Charge Type The charger will not You must monitor and unplug the charger when The charger will AUTOMATIC setting.

When you first In the MANUAL setting, as the battery charges, the In either AUTOMATIC setting, the needle will fall to START feature, the needle will swing into the Start red INDICATOR will blink rapidly approximately 4 times per In MANUAL mode, YOU MUST monitor the charging The charger has a See chart to right. INDICATOR will blink slowly to tell you that something For example the controls are set on 12V. AUTOMATIC REGULAR, and ENGINE START. The. ENGINE START feature will operate only in the. MANUAL mode the red LED INDICATOR will blink Charging. Your Battery NEGATIVE NEG. N or . NOTE The positive post Connect the red POSITIVE battery charger clamp This will help keep the clamps from slipping off the CYCLE or AUTOMATIC REGULAR as a charge type The charger will stop The charger will not AMMETER frequently when in the MANUAL mode. For specific positions, Remove the battery from vehicle, making sure to Check the polarity of the battery posts as indicated Connect the red POSITIVE charger clamp to the. POSITIVE post of the battery. Be sure to rock the Attach a 6 gauge AWG or a 4 gauge SAETake the other end of the 6 gauge AWG or a Rock the clamp to IMPORTANT Wear safety glasses and face away For automatic charging, select AUTOMATIC. REGULAR or AUTOMATIC DEEP CYCLE depending The charger will quit when the battery is fully charged For manual charging, select MANUAL as a charge The charger will not AMMETER frequently when in the Manual mode. Next plug the power cord into an AC outlet. When the battery is fully charged in the MANUAL For specific positions. When the battery is fully charged, unplug the Stand away from the battery and remove remove Clean and store the charger in a dry location. The. Chart Method. Use the following chart to estimate charge time when First, identify where Batteries in cars and smaller trucks are usually rated The times given are for batteries with a 50 percent Add more time for severely Motorcycle, garden Method.

To find the time needed to fully charge your battery, The following To calculate time needed for a charge. Find the percent of charge needed. A battery at Multiply the Amp Hour rating by the charge Multiply the result by 1.25 and you'll have the Add one additional hour for a deep cycle battery. Example. Charger Setting When you know the percent of charge and the Amp. Hour AH rating of your battery, you can calculate the To convert Reserve Capacity to Amp Hours, divide. Reserve Capacity by 2, and add 16 Using Your battery charger can be used to jump start your Follow these instructions on Then disconnect the IMPORTANT Do not try to start the engine without a If it does not start, wait at least 4 minutes before If the engine does turn over, but never starts up, there A minimal amount of care can keep your battery Performance problems often result from little things that you can fix yourself. Please read through this char for a Circuit breaker in Ammeter reads less POSSIBLE The red LED should be glowing steadily. Check for poor Make sure clamps and posts are clean. Ammeter needle will show little or no activity at the 2 amp Check power cord and extension cord for loose tilting plug. No power at receptacle. Check for open fuse or circuit breaker supplying AC outlet. Sho Red battery clamps. Circuit breaker cycles when current draw is too high. Check for shorted cables and replace if needed. Shorted battery. The red LED should be blinking slowly. Have a qualified Charger leads reversed The red LED should be glowing steadily. Correct connections to battery. Extension cord too long or i Use shorter or heavier extension cord. Weak cell or sulfated Sulfated battery will eventually take a normal charge if left LED should be blinking slowly.

Have a Sears technician Battery is only partially Continue charging battery. Charger makes a loud Transformer lamination Continue charging buzz is not abnormal.

ShoR star cycle Drawing more than 125 Crank time varies with the amount of current drawn from Failure to wait for 4 minute Wait 4 minutes before next prank. If the above solutions do not eliminate the problem. Call toll free from anywhere in the U.S.A. Call 7 am 7 pro, 7 days a week Call 24 hours a day. If you want NextDay, we can save the other items for later. Order by, and we can deliver your NextDay items by. You won't get NextDay delivery on this order because your cart contains items that aren't "NextDay eligible". In your cart, save the other items for later in order to get NextDay delivery. Oops! There was a problem with saving your items for later. You can go to cart and save for later there. The Manual Battery Charger comes housed in a rugged and durable metal case with top mounted carrying handle for added portability, so you can easily place it anywhere to charge your batteries. About This Item We aim to show you accurate product information. Manufacturers, This Diehard Battery Charger features manual operation and charges most batteries in six to eight hours and a small 12 volt battery in 2 to 12 hours. The Manual Battery Charger comes housed in a rugged and durable metal case with top mounted carrying handle for added portability, so you can easily place it anywhere to charge your batteries. I do not like shopping but buy online and want a fair price and excellent quality fast. See more VS Most helpful negative review 5 customers found this helpful Average Rating 1.0 out of 5 stars Short lived Worked for about 30 minutes, cut off and wouldnt turn back on. See more VS Most helpful positive review 7 customers found this helpful Average Rating 5.0 out of 5 stars Excellent Quality Fast Delivery Priced Low DIEHARD excellent Quality, ordered online arrived fast, hooked up battery and it worked fast. I do not like shopping but buy online and want a fair price and excellent quality fast. Most helpful negative review 5 customers found this helpful Average Rating 1.

0 out of 5 stars Short lived Worked for about 30 minutes, cut off and wouldnt turn back on. DIEHARD excellent Quality, ordered online arrived fast, hooked up battery and it worked fast. I do not like shopping but buy online and want a fair price and excellent quality fast. See more Worked for about 30 minutes, cut off and wouldnt turn back on. See more Frequent mentions Usage 1 Quality 1 15 of 16 reviews Most relevant Most helpful Newest to oldest Oldest to newest High to low rating Low to high rating Sort by Average Rating 5.0 out of 5 stars Excellent Quality Fast Delivery Priced Low November 1, 2012 Verified purchase DIEHARD excellent Quality, ordered online arrived fast, hooked up battery and it worked fast. I do not like shopping but buy online and want a fair price and excellent quality fast. See more Reviewed by USASILVERFOX USASILVERFOX Helpful. Yes 7 No 6 Report Average Rating 5.0 out of 5 stars Hard to find Manual Battery Charger. July 30, 2016 Verified purchase Its very difficult to find a manual battery charger stocked at any store these days. Some difficult charging applications would do with the automatic types. See more Reviewed by DoggieHB DoggieHB Helpful. Yes 0 No 0 Report Average Rating 5.0 out of 5 stars It works great February 10, 2016 It works great. I found the housing a bit larger than my old one that I bought in 1967 so setting it on the front of the engine compartment while charging is a bit of a balance act. A small bungie will help keep it in place. My old one still works but I have changed the cords twice and the amp meter is so yellow and fogged that it is hard to see any more so time for the new one hope it lasts as long. I dont use the newer electronic controlled ones as they will not charge a dead battery. This one will and for a much lower price too. See more Reviewed by arbine arbine Helpful. Yes 6 No 3 Report Average Rating 5.

0 out of 5 stars Worked as needed December 23, 2014 I bought this to help with rust removal and it does the job perfectly. Its not a smart charger, it always has charge flowing when plugged in, and thats exactly what I needed. See more Reviewed by 82Doctor 82Doctor Helpful. Yes 28 No 0 Report Average Rating 5.0 out of 5 stars Very Good charger January 26, 2016 I bought one of these about 9 months ago and it still works like new, I also have a 200 amp diehard. I have had for 10 or more

years and it still works good. So I would highly recommend this product. See more Reviewed by Jdepp Jdepp Helpful. Ask a question Ask a question If you would like to share feedback with us about pricing, delivery or other customer service issues, please contact customer service directly. Yes 2 No 2 Report 2. It will but slowly and it has no pulse to desolate the plates. I charge dead batteries frequently and it works fine but takes many hours to charge a full sized dead battery to capacity by arbine Helpful. Yes 2 No 0 Report 2 Answers 2 Answers Last answer August 5, 2014 Automatic Shutoff. Report by TravelinTom March 5, 2013 Answer this question 1 Answer 1. No it is strictly manual. Report by di6001 December 29, 2010 Answer this question 1 Answer 1. yes, it worked very well. So if you find a current lower price from an online retailer on an identical, instock product, tell us and we'll match it. See more details at Online Price Match. All Rights Reserved. To ensure we are able to help you as best we can, please include your reference number Feedback Thank you for signing up. You will receive an email shortly at Here at Walmart.com, we are committed to protecting your privacy. Your email address will never be sold or distributed to a third party for any reason. If you need immediate assistance, please contact Customer Care. Thank you Your feedback helps us make Walmart shopping better for millions of customers. OK Thank you!

Your feedback helps us make Walmart shopping better for millions of customers. Sorry. We're having technical issues, but we'll be back in a flash. Done. Our payment security system encrypts your information during transmission. We don't share your credit card details with thirdparty sellers, and we don't sell your information to others. Please try again. Please try again. Please try again later. In order to navigate out of this carousel please use your heading shortcut key to navigate to the next or previous heading. Register a free business account Please try your search again later. Click here to make a request to customer service. This unit features digital scrolling messaging and auto voltage detection. The auto maintaining feature prevents overcharging. 50A clamps, 12V accessory plug, and permanent ring connectors are included. Float Mode Monitoring keeps your battery at a normal voltage, maintaining the battery's charge. When charging is complete, Maintenance Mode switches on to prevent overcharging. This charger is backed by a 3 year warranty. In order to navigate out of this carousel please use your heading shortcut key to navigate to the next or previous heading. To calculate the overall star rating and percentage breakdown by star, we don't use a simple average. Instead, our system considers things like how recent a review is and if the reviewer bought the item on Amazon. It also analyzes reviews to verify trustworthiness. Please try again later. Loren Brothers 4.0 out of 5 stars It is a nice little unit for keeping my Jeep Grand Cherokee, which has a slow drain short somewhere, all charged up for me. All connections were tight and it definitely works as described. Right there it deserves 5 Stars. Unfortunately there are a few things which disappointed me and did drop my rating 1 All the quick connect harnesses are really short. I couldn't use them if I wanted to. The good thing is I don't want to.

After some work with my drill on the rings and a couple of cable ties I now can just drive into the carport and plug my beastie into my wonderful little trickle charger via the cord sticking out of my grill. I couldn't be happier. So I end up giving this a respectable 4 star rating. Batteries don't live forever and cannot be resurrected. Time for a new battery. It's really just a maintainer. It wasn't the connections. Tried the clamps on the battery, tried the plug into the cig lighter slot. No go. Over night I got enough juice for the dome light to come on after opening the door but not enough to turn over engine. Car is in heated attached garage. Went to the store and bought another charger not like this one and it worked like a charm. This might be good for maintaining small batteries for mowers or boats or something but for sure not enough juice to charge a car battery. I researched and decided to try a battery charger before getting a new battery. We plugged this in and attached to the battery at night and in the morning the lawn tractor started up right away. Now we use this for the lawn tractor and the snow blower. We've also used it over night on my car when my car battery was going. I've since replaced my car battery. Definitely worth the money and a good long term use purchase. Checked Voltage gauge and up to 14V and still charging with the orange light on. Service

tech said it was normal to charge a 12V battery to 15V before going back to green. I couldn't verify that anywhere on the internet and it just seemed too high for a battery maintainer. If 15V for charging is normal, they should note that in the instructions. Didn't want to blow a battery in the garage. My summer car sat in the garage too long and the battery froze. I didn't even know this could happen! When I bought the new battery they told me I needed to get more than a trickle charger so I got this and it worked perfectly. I figured I couldn't go wrong with a Die Hard and I was right.

I have cameras and such that draw power all of the time and this works well to keep the battery charged. It is a smaller unit than I realized, but my old one was thirty years old, and everything in technology gets smaller decade by decade. It's only been plugged in for an hour, so far. The battery measured 12.6V before charging, and after it went up to 12.88V fully charged. It charges at a rate of 14.6V, then went down to 13.6V when the green light indicated charging was complete. A while later the battery was at around 13V. Haven't left the charger plugged in longer to see how low the battery goes before it starts charging again. Manual also says it has desulfation mode which automatically engages if necessary. Unit also looks similar to a 2 amp Schumacher branded charger, probably made by Schumacher. Overall a good unit for maintaining a car battery. Is this a new version or an older version. Due to the low amps it took 2 days to fully charge, but this is to be expected and will ensure good battery health. Great connectors, hard wearing cables, simple instructions. Couldn't ask for more. I didn't expect it to charge any faster as this is more of a maintenance type product. Perfect for my needs and it fits the budget.

<https://ayurvedia.ch/bose-lifestyle-28-series-ii-home-theater-system-manual>